

**SECRET**

Approved For Release 2003/05/14 : CIA-RDP78B05171A000600020048-0

NPIC/TSSG/RED-1886-69

27 October 1969

**MEMORANDUM FOR THE RECORD**

**SUBJECT : Testing of High Speed Processors**

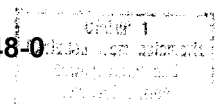
**REFERENCE:** (a) Memo - TEB-32-68 of 11 December 1968  
(b) Memo - TEB-11-69 of 27 March 1969

25X1 1. On 15-18 October 1969 [ ] representing USAF, Special  
Photo Processing Facility (SPPF), Westover, Mass. and the undersigned in-  
25X1 spected and tested the three (3) Dry Silver High Speed Processors fabricated  
under Contract [ ]. These processors had been tested previously in  
November 1968 and February 1969 (see ref. a and ref. b) but did not perform  
satisfactorily. These deficiencies have since been corrected and the three  
processors performed within their expected bounds. After all of the tests  
and inspections were completed, [ ] the USAF representative,  
stated that he considered the processors acceptable for delivery. 25X1

25X1 2. [ ] has stated that he wants one of the processors  
(Processor #1) to remain at the contractor's facility in support of the Dry  
Silver Materials development and for reference with the performance of the  
other two processors. Processor #1 will be transferred to Contract [ ] as  
25X1 GFE in support of that contract. Processors #2 and #3 are scheduled for  
shipment to Westover SPPF, Mass. for a 12-month testing and evaluation  
program. Data from this testing program will be fed back to the contractor  
for analysis and evaluation and for continued improvement of the materials  
research and pilot plant improvement.

3. Pilot plant production of film for the support of these processors  
has slipped about one month due to the complete failure of the September  
coating caused by chemical contamination. It is expected that 30,000 square  
yards of coated material will be ready for converting, i.e., inspection,  
grading, slitting, and spooling, by December 1969. A minimum yield of 1,000  
square yards of quality #1 material is expected from this total production,  
hopefully, more will be realized. About triple this amount of yield of  
quality #2 material (to be used for mechanical performance testing, operator  
training, and maintenance training) is also expected from this batch. The  
original schedule of 1,000 yards of quality #1 material through March 1970  
with an increase to 2,000 yards is expected to be manufactured.

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4. The present schedule calls for shipment of processors #2 and #3 via air van about the middle of November 1969. Specific dates for the riggers and movers are being established by the contractor and SPPF personnel. It will be necessary for the undersigned to be at the Westover facility to sign a DD250 in accordance with the terms of the contract. Arrangements are also being made for the availability of the [ ] engineering personnel for unloading, reassembly of specially packaged fragile parts, setting up the equipment, training of maintenance and operator personnel and to see that the processors function acceptably at the destination.

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5. It is highly recommended that Center personnel coordinate with SPPF personnel and keep apprised of the progress of the testing program for feedback into future equipment and for improved material development.

[ ]

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**Attachments:**

- a. Sensitometric Curves
- b. Density Readings
- c. Checkoff Sheets #1, #2, #3

**Distribution:**

- Original - Route & File
- 1 - TSSG/RED
- 1 - TSSG/RED/SDB

NPIC/TSSG/RED/SDB [ ] (27 October 69)

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